

# Finding the Right Keys...





# Opening the doors to an independent life!!!



- Learn to use technology to....
- Promote self determination in independent living
- Support employment
- Assist with memory and scheduling
- Enhance socialization



# How Do I Begin?.



- ❖ Have a belief in the rights of those with cognitive challenges to access technology and the Internet!
- ❖ Educate yourselves on what is available, and what can be accomplished with the right tools/tech for individuals with differing abilities!
- ❖ Have great expectations!!



# Our Story

- ❖ **“I want to live in my own house”**





# The iPad!!!

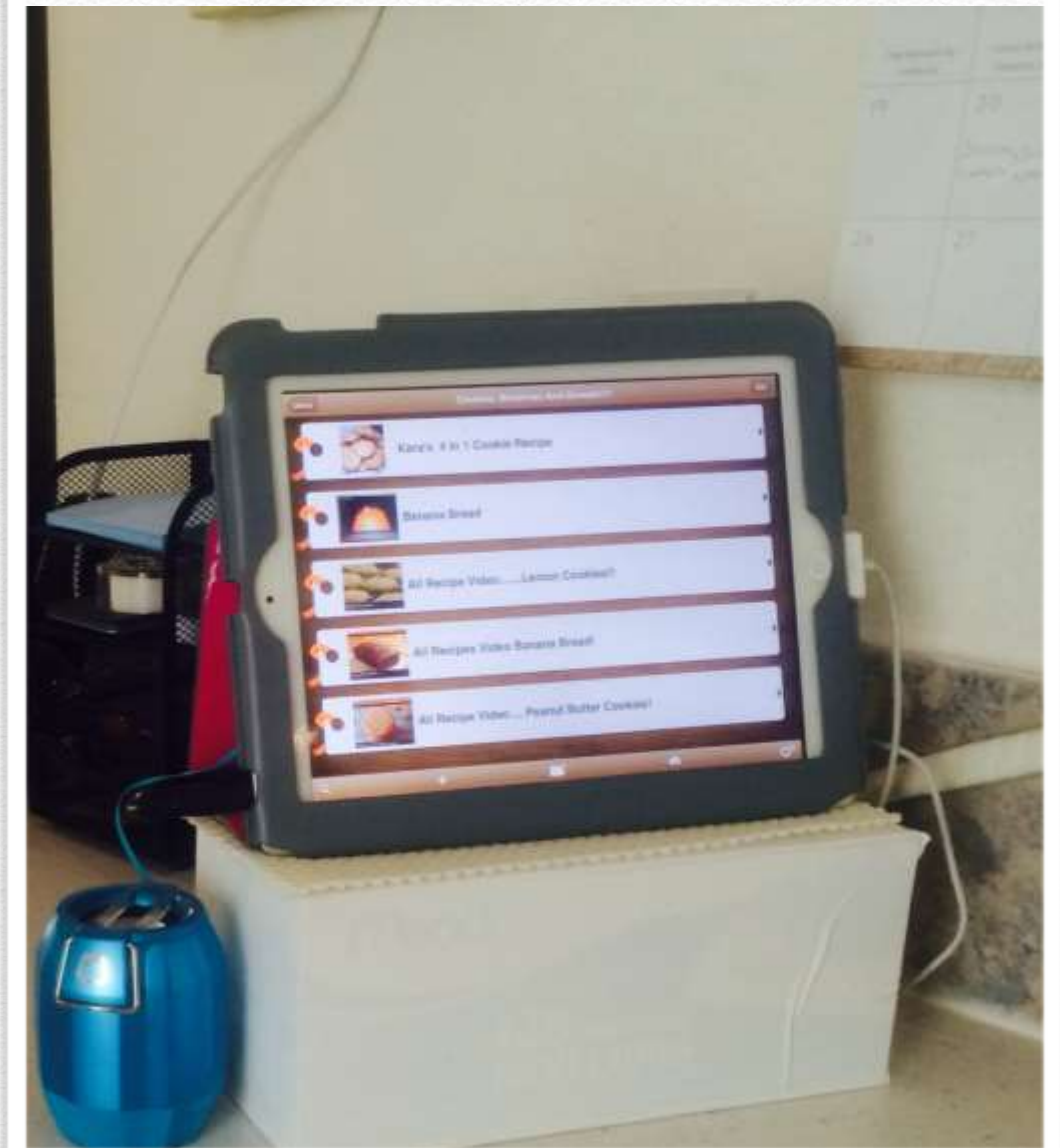
- Started with iPod touch in 2011 as support for Jim
- With iPad and apps to duplicate old software in 2012
- \$451.00!!!!!!
- "MY STORY"





# Paddy!!!

- ❖ Sits on Kitchen counter
- ❖ Wired speakers throughout the house
- ❖ Small speaker in kitchen
- ❖ Can use plain old computer speakers





# What keys do YOU already have?

- ❖ Accessibility features
- ❖ Calendar
- ❖ Reminders
- ❖ Notes
- ❖ Notifications... How your device talks to you

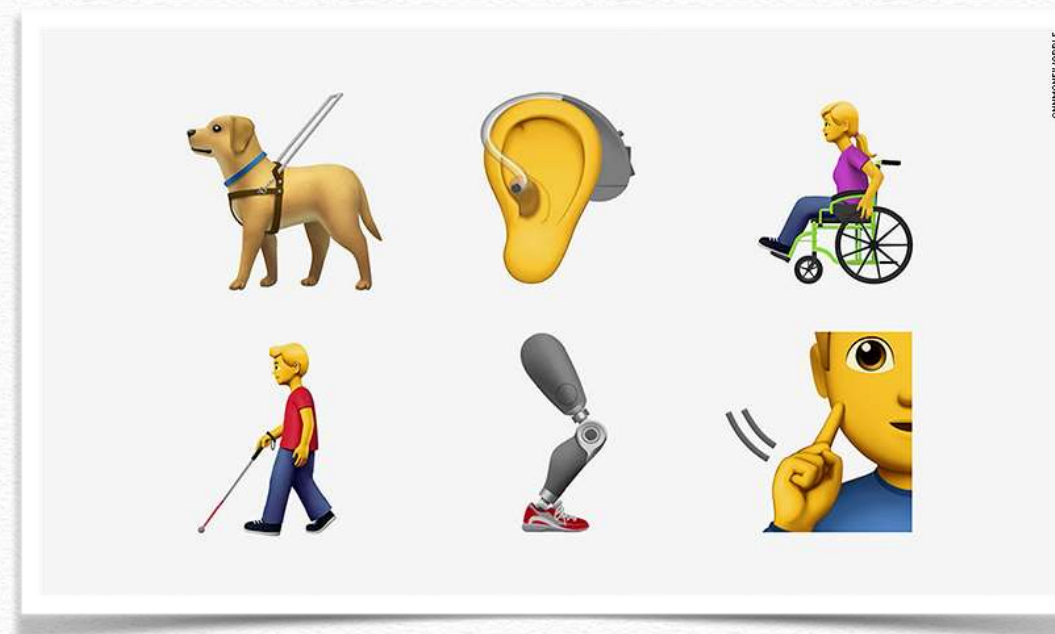
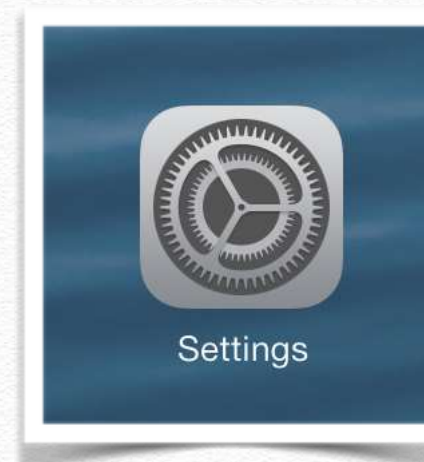




# Accessibility!!!



- ❖ Make settings your friend to support .....
- ❖ Vision
- ❖ Hearing
- ❖ Touch/mobility
- ❖ Cognitive support
- ❖ All devices have some sort of accessibility options built in....from Kindle Fire to iPads





# Vision

- ❖ Screen Readers
- ❖ Magnification
- ❖ Invert colors
- ❖ Larger text
- ❖ Bold text
- ❖ Many options.....

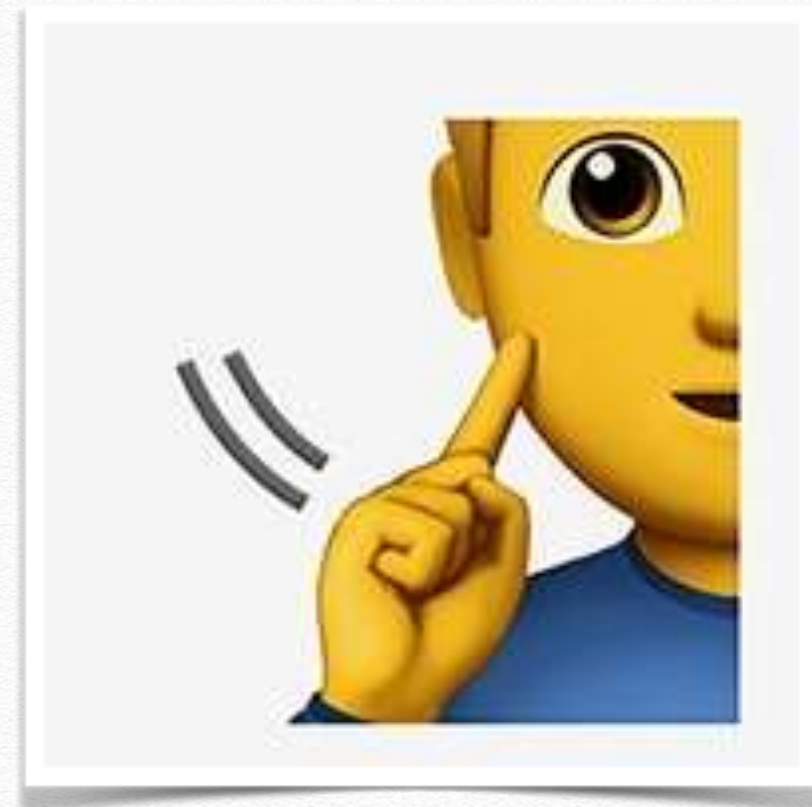




# Hearing



- ❖ Subtitles and captioning
- ❖ Specialized hearing aids
- ❖ FaceTime & Skype for signing
- ❖ Paired Bluetooth hearing aids if used
- ❖ Vibration or flashing notifications
- ❖ ....and many more possibilities!

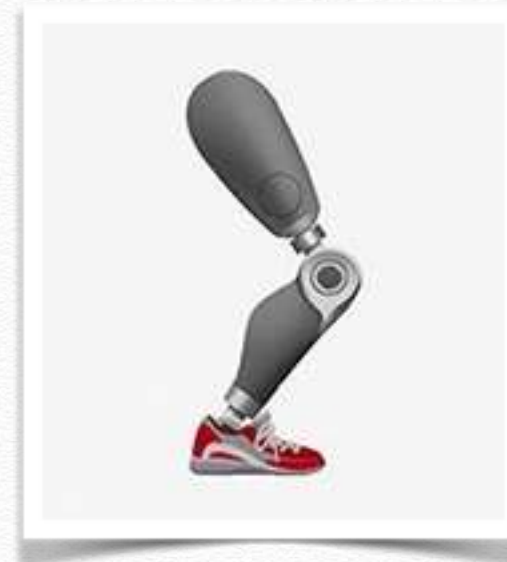




# Mobility



- ❖ Switch control
- ❖ Siri and now.... Google or Alexa
- ❖ Dictation
- ❖ Assistive touch
- ❖ Speech to text with Siri

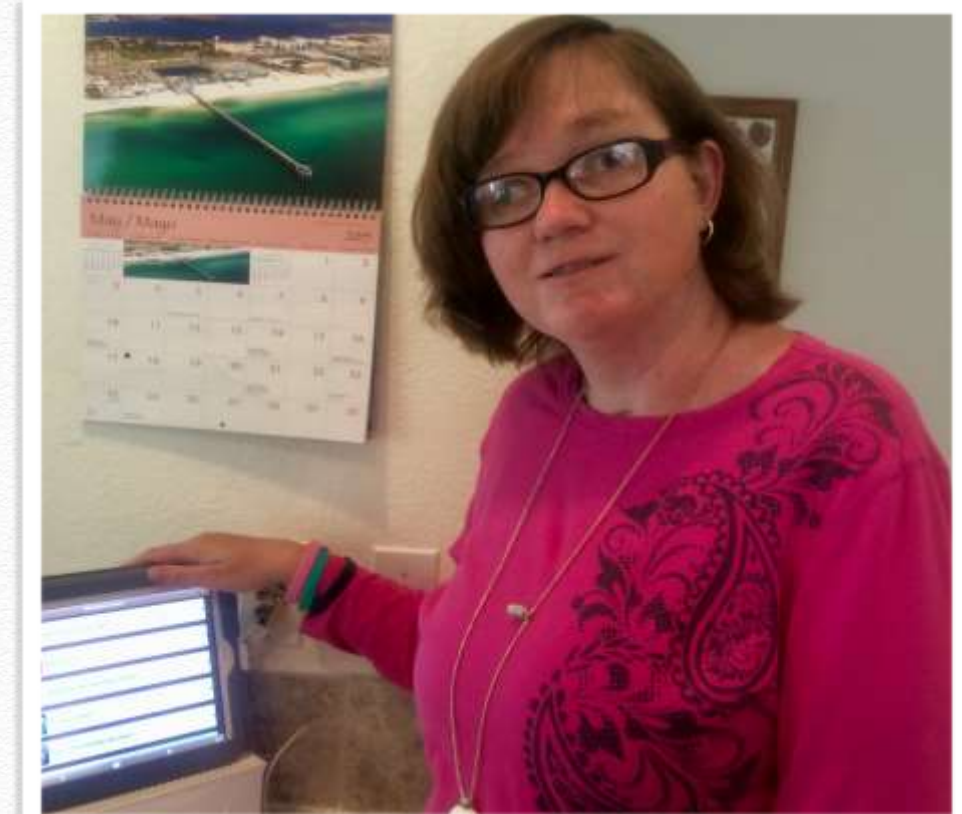




# Built in Features to assist those with Cognitive challenges .....



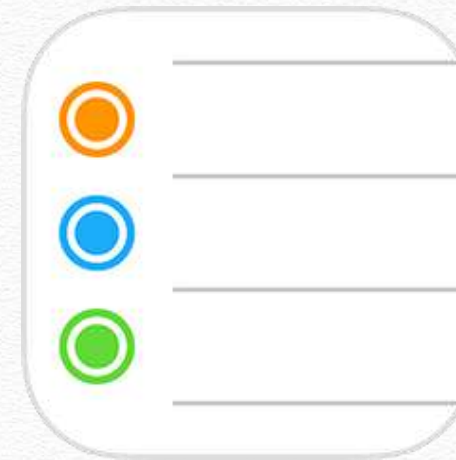
- ❖ Siri and Hey Google
- ❖ Screen reader
- ❖ Guided access
- ❖ Assistive touch
- ❖ Notifications and sounds to trigger action







**Calendars**



**Reminders**



**Use notifications.... unique sounds for each one**

**Add events and reminders with your voice!  
.....Hey Google and Siri**

**Sync across devices.... remote assist**





# Reminders App ...\$1.99! iOS only



Kara's own voice!!

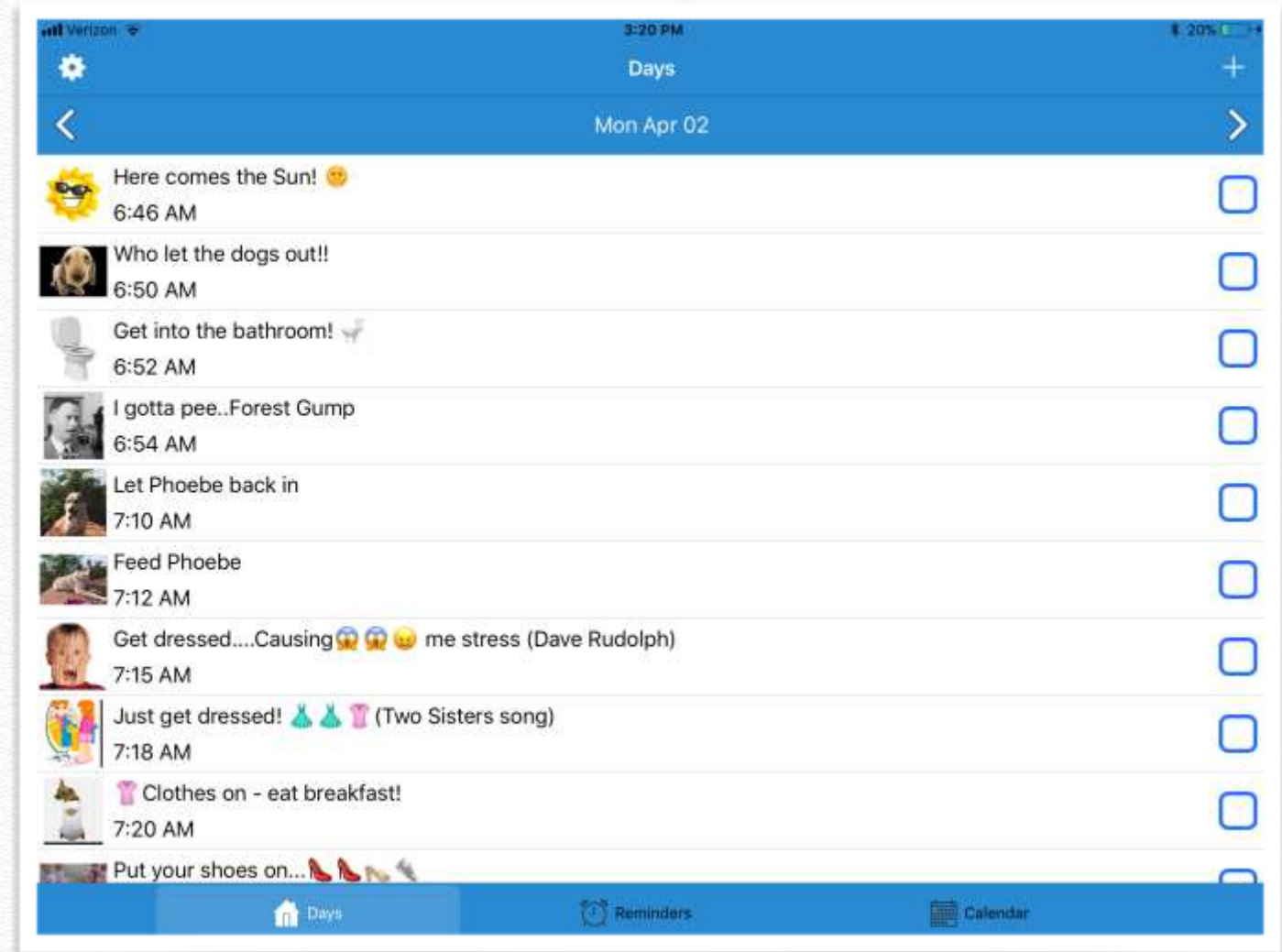
Music clips

Icons or pictures

Text

Check off when done!

Let's take a look.....!







# Pictello....\$19.99 iOS

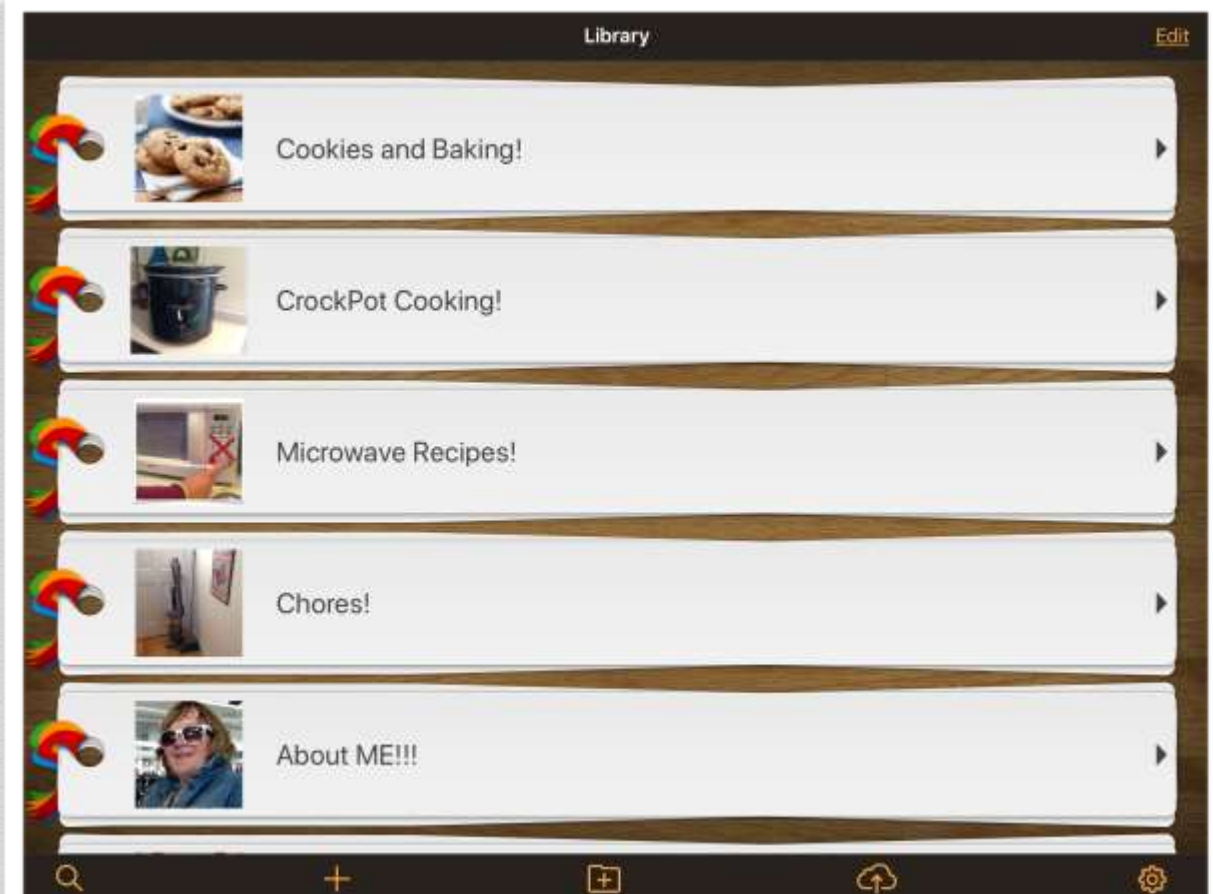


Step by step picture and audio prompting

Or step-by-step video and audio prompting

Think of the many opportunities to use.....Home, school, employment, healthcare!

Let's take a look....!





# One other thing.... remote monitoring

Nest Cams.... WiFi

Check in remotely

We inform support staff that we use  
these

Huge safety net for us!





# **The future is now!**

## **Voice activated smart speakers!**



**Amazon Alexa**  
**Starts at \$49.99**



**Google Home**  
**Starts at \$49.99**

**Self-determination with your own  
voice!**

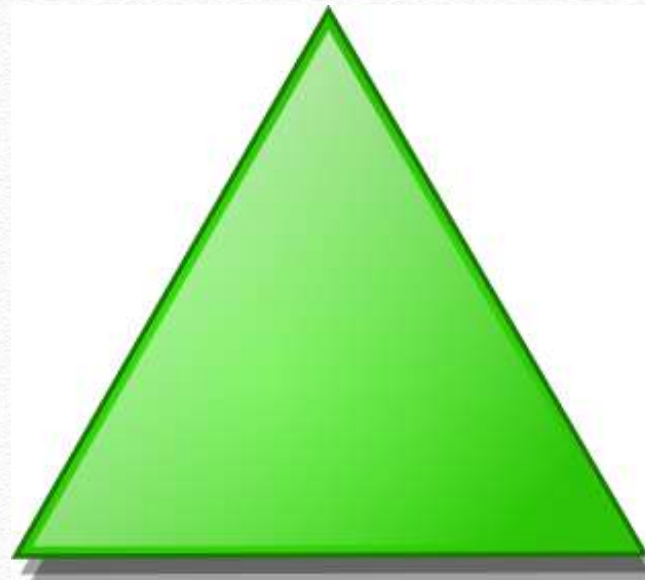


# Our new passion!! Smart Speakers



**3 things needed**

Internet Access



Tablet/ smart phone with  
corresponding Apps

Google Home.....Google  
account

Amazon Alexa.....Amazon  
Account

**Then.....add  
“skills”**



# How Kara uses her personal assistant!





# Which One????

- ❖ Alexa has so many skills!
- ❖ Alexa better at home automation
- ❖ Thousands of “skills”
- ❖ LOVE Echo Show



- ❖ Google Home easier to set up
- ❖ Many similar actions (skills)
- ❖ More choices with Alexa
- ❖ Google adding screen features...





# Some of our Alexa favorites



- ❖ Reminders by name and can set daily reminder
- ❖ Named timers
- ❖ Alexa add to my calendar
- ❖ What am I doing today
- ❖ Play music
- ❖ Calling and messaging hands free!
- ❖ Intercom system
- ❖ “Drop in” priceless to us!



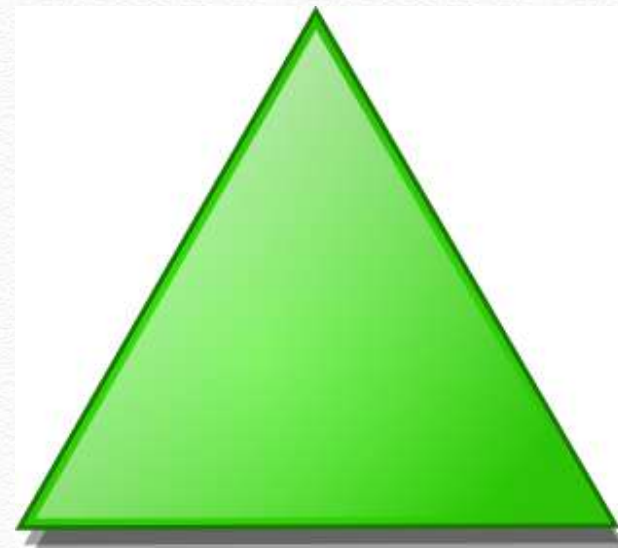


# Smart Home Automation with Alexa and Hey Google



Google Home or Alexa Device

Voice Controlled!!!!!!



Smart Plugs or Hubs

Wi-Fi



# Low Tech....Low Cost Low Stress



- ❖ Color coded household items
- ❖ Colored Electrical Tape!





# Why use technology keys for Independence



- ❖ Long term cost of care can go down
- ❖ Self determination
- ❖ Increased self esteem- critical thinking enhanced
- ❖ Cross that digital divide...

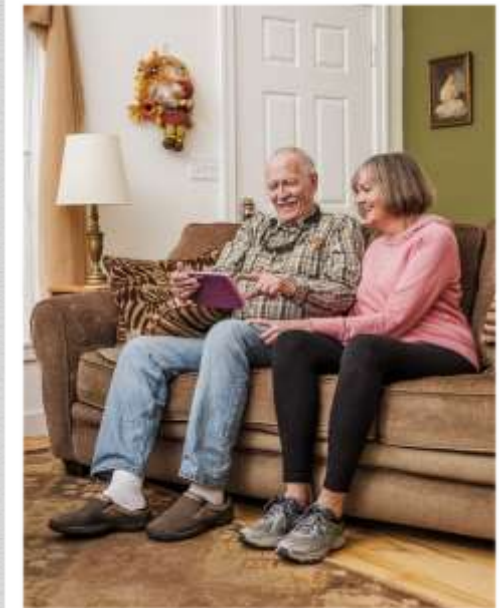




# Lessons from a Locksmith



- ❖ Have great expectations... listen to individuals's wants
- ❖ Start small - find one or two tech tools to start
- ❖ Lots of options... Mainstream or specialized - Ablelink, Rest Assured, SimplyHome and others





# Considerations....



- ❖ Find the locksmiths in your family or organizations
- ❖ Google the area of need for ideas
- ❖ Best apps for...
- ❖ best skills for Alexa for those with...
- ❖ best skills for Google for those with..



Square peg .....round hole

Check the light bulb!

Patience and learning curve



# Kara's Keys....my own life, my own house





# Find your keys.....



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